



NEW
THINKING.
NEW
POSSIBILITIES.

HYUNDAI

HD 370S 9m³ MIXER



Built for construction, Ready to take on heavy loads and Designed for perfect business

Hyundai provides greater durability and superior performance with its newly reinforced heavy-duty trucks of responding to customer's needs. The advanced technology of its predecessor formed the basis for the continued development and realization of the extensive technical measures. The Hyundai Heavy Duty Truck features the completeness of the development and implementation of enhanced durability, outstanding performance and better convenience.

Outstanding Performance

The new HD370S Mixer truck is the right choice for customer's needs of larger loading capacity.

Extended wheel base

The new HD370S Mixer truck boasts a longer wheel base to provide better driving comfort as well as parts-mounting convenience, reflecting local customers' needs



← Increased 1,060mm →

Greater loading capacity

9m³





Enhanced Durability

To enhance durability and offer greater loading capacity, Hyundai reinforced the axle and suspension of HD 370S Mixer truck

Powerful Hub Reduction Rear Axle

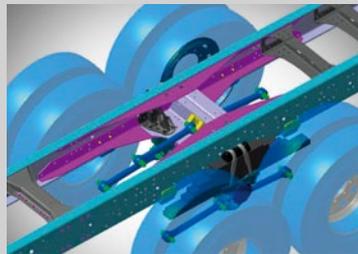
High capacity front/rear axle has a great load-bearing capacity. Hub reduction rear axle is fitted as standard with wheel lock system and makes it easier to drive in the rough road.



15ton Rear Axle

Durable Suspension & Frame

Strengthened frame durability guarantees sufficient loading capacity. And increased front/rear spring sheets enhance suspension durability.



24" Wheel & 12R24 Tire

24" radial tires offer longer service life, lower rolling resistance for better fuel economy, quieter performance and greater safety.



Powerful, Reliable and Cost-effective

With the Hyundai Heavy Duty Truck we have absolutely no doubt that you will be the owner of a vehicle that embodies both excellent performance and impressive cost-effectiveness. But most of all, any engine which you can choose is highly dependable and can be counted on for a long service life.

EURO III D6CB3H Engine



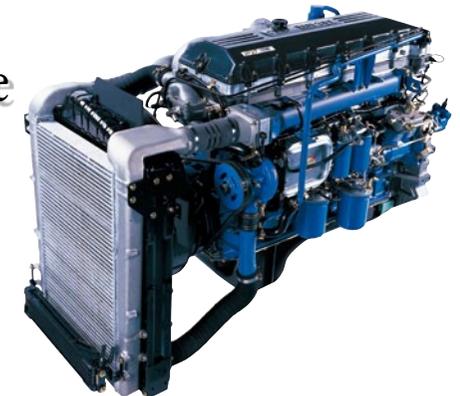
380ps / 1,900rpm

- Displacement : 12,300 cc (TCI)
- Max. Torque : 160 kg.m / 1,200 rpm
- Model : HD370S

EURO II D6CA38 Engine

380ps / 1,900rpm

- Displacement : 12,920 cc (TCI)
- Max. Torque : 148 kg.m / 1,500 rpm
- Model : HD370S



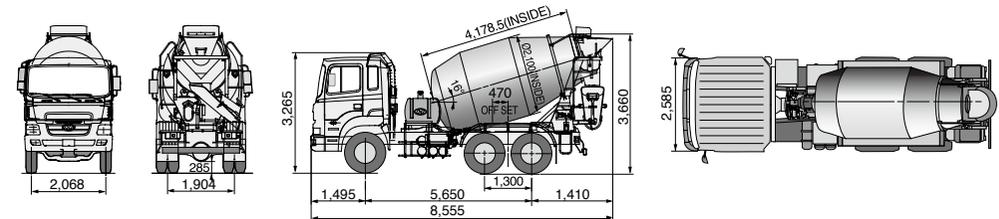
Specifications

ITEM	MODEL	HD370S			
Application Engines		D6CA38	D6CB3H		
Dimensions (mm)					
Wheel Base		5,650			
Overall (C/Cab)	Length	8,555			
	Width	2,585			
	Height	3,265			
Wheel Tread	Front	2,068			
	Rear	1,904			
Overhang (C/cab)	Front	1,495			
	Rear	1,410			
Min. Ground Clearance		325			
Weight (kg)					
Empty Vehicle Weight		9,630	9,736		
	Front	4,480	4,586		
	Rear	5,150	5,150		
** Max Gross Vehicle Weight		38,000			
	Front	8,000			
	Rear	30,000			
** Max. GVW includes the front & rear axle loads based on the permissible tire load.					
Calculated Performance					
Max. Speed	km/h	122(dynos) / 99(zf)	111(dynos) / 96(zf)		
Max. Gradeability	tan θ	0.319 / 0.657	0.288 / 0.560		
Min. Turning Radius (m)		9.6			
Engine					
Model		D6CA38	D6CB3H		
Type		Turbo Charger Intercooler 4 stroke-cycle, water-cooled, direct-injection diesel engine			
Number of Cylinder		6 in-line			
Piston Displacement (cc)		12,920	12,300		
Max. Power (ps/rpm)		380/1,900 (Euro 2)	380/1,900 (Euro 3)		
Max. Torque(kg.m/rpm)		148/1,500 (Euro 2)	160/1,200 (Euro 3)		
Electrical System	Battery	12V X 2, 150 AH at 20 Hr rates			
	Alternator	24V-80A			
	Starter	24V-6.0kW			
Transmission					
Model		M12S6 (OD)	ZF16S151	H160S6	ZF16S151
Type		6 forward and 1 reverse speed, 2nd to 6th synchromesh, 1st & reverse constant-mesh gears	16 forward and 2 reverse speed, 1nd to 16th synchromesh, 1st & reverse constant-mesh gears	6 forward and 1 reverse speed, 2nd to 6th synchromesh, 1st & reverse constant-mesh gears	16 forward and 2 reverse speed, 1nd to 16th synchromesh, 1st & reverse constant-mesh gears
Rear Axle					
Model		THT20ST			
Type		Full floating type			
Capacity (kg)		15,000			
Final reduction gear	Type	HUB reduction			
	G/Ratio	6.676			

Front Axle			
Type		Reverse Elliot type "I" beam	
Capacity (kg)		8,000	
Tire & Wheel			
Type		Single Front, Dual Rear	
Tire	Front	12.00R24-20PR	
	Rear	12.00R24-20PR	
Wheel	Front	8.5V x 24-158	
	Rear	8.5V x 24-180	
Brake			
Service brake	Actuation	Full Air, Dual circuit fixed S cam with spring loaded chambers	
	Size(mm)	Front	Drum diameter x Lining width x Lining thickness : Ø410 x 156 x 19
		Rear	Forward : Drum diameter x Lining width x Lining thickness : Ø410 x 220 x 19
			Backward : Drum diameter x Lining width x Lining thickness : Ø410 x 220 x 19
Total lining area	9,639cm ²		
Compressed air reservoir		120 ℓ	
Exhaust brake		Air operated, butterfly valve type	
Suspension			
Type	Front	Multi Leaf	
	Rear	Multi Leaf	
Spring Size (LengthxWidthxThickness- Number of leaves)	Front	1,500 x 90 x 13t-11	
	Rear	1,480 x 90 x 22t-12	
Shock absorber		Hydraulic double acting telescopic type on the front	
Fuel tank			
Capacity		300 liter (steel), 380 liter (al, OPT)	
Material			
Frame			
Type		"H" type frame with channel sectional side rail & cross members	
Main section side rail dimension (mm)		Depth x Flange x Thickness : 302 x 90 x 8t	
Outer stiffener dimension (mm)		Depth x Flange x Thickness : 316 x 97 x 7t	

Annotations

- 1) Empty vehicle weight and curb weight shown are to 3.5% variation to allow for production tolerance.
- 2) Empty vehicle weight and curb weight include weight of oil, fuel, coolant and spare tire carrier & bracket, spare tire but exclude standard tool set.
- 3) The vehicle specifications may differ per country.
- 4) Hyundai motor company reserves the right to alter the specifications, equipment or options or discontinue the models at any time without prior notice.



NEW THINKING. NEW POSSIBILITIES.

People's expectation toward individual mobility requires more than just a convenient means of transportation. The old understanding of cars has become outdated. A car represents individuals' lifestyles, and it became an integral part of their lives. At the same time, the automobile industry has experienced seismic change. Hyundai Motor Company has grown rapidly to become one of the largest automakers, backed by world class production capability and superior quality. We have now reached a point where we need a qualitative approach to bring bigger ideas and relevant solutions to our customers. This is an opportunity to move forward and we have developed a new brand slogan that encapsulates our willingness to take a big leap. Led by our new slogan and the new thinking underlying it, we will become a company that keeps challenging itself to unlock new possibilities for people and the planet.

Hyundai Motor Company
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